Quicktionary® TS Premium

User Manual
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Introduction

Congratulations on your choice of a state-of-the-art scanning Pen from WizCom Technologies. WizCom makes personal, portable scanning Pens that assist with reading, understanding and utilizing text.
Inside the tip of the Pen is a sophisticated electronic eye. This eye enables you to scan different types of printed information directly into your Pen. Use the Pen to scan full lines of text, receive word-by-word translations, and hear scanned words pronounced aloud.

The Pen comes with a touch screen and stylus, allowing easy manipulation of the Pen user interface and quick editing of scanned texts with the Virtual Keyboard.

Use this guide to find out about setting up and using your WizCom product.

Contact and Support Information

Contact us at 888 777 0552 (toll free in USA and Canada) or +1 978 727 0026, or email usa.support@wizcomtech.com.

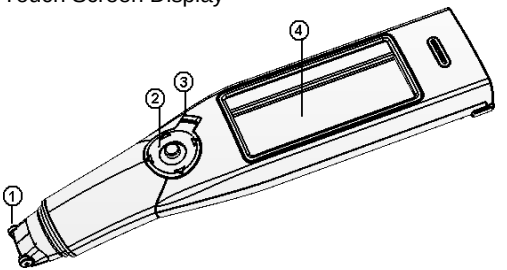
Visit our website http://www.wizcomtech.com to **view the FAQ section** and to **register your product**.

Getting Started

The Pen Parts

On the **Front Panel** you can see:

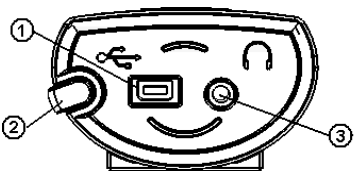
1. Pen tip with optical scanning head (beneath the protective cover)
2. 5-way button (Enter and direction keys)
3. Power/Escape key (red)
4. Touch Screen Display



Pen Front Panel

On the **Top Panel** you can see:

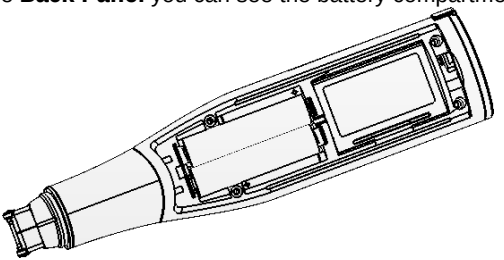
1. USB Cable Outlet
2. Stylus Slot
3. Insertion point for earphones



Pen Top Panel

Important: Before using the earphones, adjust the volume using the **Voice Settings** *option in the* **Preferences** *menu. The* **Preferences** *menu can be accessed from the* **Pen Main Menu** *or from within the* **Settings** *menu in each application.*

On the **Back Panel** you can see the battery compartment.



Pen Back Panel

Unpacking the Pen

To get started:

1. Remove the Pen from the protective case.
2. Lift the battery cover on the back of the Pen by pushing the tab down and out.
3. Insert the batteries into the Pen with the positive and negative terminals corresponding to the markings on the sides of the battery compartment.
4. Close the battery compartment.
5. Remove the protective cover from the Pen tip.
6. Turn the Pen on by pressing the red power key.

The Pen is ready to scan!

Note: Make sure that your Pen always contains batteries, even when connected to the PC.

Installing the PenExplorer

Use the PenExplorer to download files to your Pen and to upload files from the Pen.

Important: Do not connect the USB cable to the PC before installing the PenExplorer.

To install the **PenExplorer** do the following:

1. Open a web browser and type in the following address: http://www.wizcomtech.com/quicktionarytspremium/ Download and run the file.
2. The Main Menu appears on the PC screen.
3. Click on the **PenExplorer Installation** and follow the instructions to install the **PenExplorer** and the USB driver.

Scanning Guidelines

Scanning Mode

The Pen is in scanning mode when the red light at the tip of the Pen is blinking. Scanning mode is disabled when you are not in an application, or when accessing a toolbar menu.

Scanning Restrictions

The Pen scans and recognizes printed text in a wide range of languages, font types and point sizes (6-22 points, up to 8mm) and in a variety of colors on contrasting backgrounds (except red on white, white on red, blue on black and black on blue).

It does not recognize handwriting, cursive fonts, mathematical symbols or other profession-specific signs.

Troubleshooting Poor Character Recognition

Poor character recognition may occur for several reasons:

- Low quality scanning material.
- Scanning settings not set correctly (e.g. **Inverse**).
- Holding the Pen at the wrong scanning angle.
- Scanning too fast.

Tips for Good Scanning

To ensure optimum scanning results:

- Hold the Pen at the correct scanning angle.
- Place the scanning material on a flat surface.
- Use good quality scanning material. Note that poorly photocopied materials may provide bad results.
- Do not scan too fast.

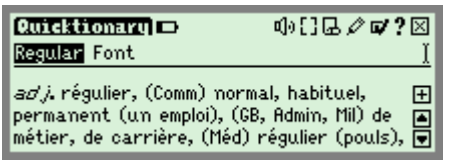
Scanning Settings

Scanning settings can be modified via the **Settings** (☑) menu in the Pen applications.

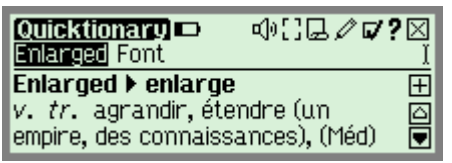
Changing the Font Size

There are two font sizes to choose from – Regular and Enlarged. Change the font size by selecting or de-selecting the **Enlarged Font** option in the **Settings** menu of the application.

Note: The default application setting is **Enlarged Font***. The* **Preferences** *and* **Information** *menus are always in enlarged font.*


Quicktionary
Regular Font
adj. régulier, (Comm) normal, habituel, permanent (un emploi), (GB, Admin, Mil) de métier, de carrière, (Méd) régulier (pouls),

Regular Font



Enlarged Font

Inverse

The Pen's default scanning setting allows you to scan dark text on a light background. To enable scanning of light text on a dark background, select the **Inverse** option in the **Settings** menu.

Numeric

Use this option when scanning numbers only.

Selecting a Language for Scanning

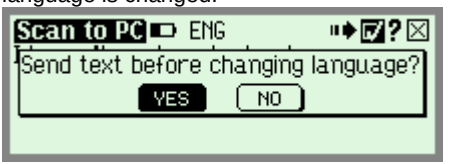
Files can be scanned in various languages.

In **Notes**, the language setting can be changed through **Set Language for New File**. This setting allows you to change the scanning language for the next new file you open in **Notes**.

Note: The scanning language will only change when you open a new file. The current file will still retain the previous scanning language setting.

In **Scan to PC**, the language setting can be changed through **Change Scanning Language**.

If you are working in **Auto Send** mode, the language change will be applied immediately. If you are working in **non-Auto Send** mode and there is unsent text on the screen, a confirmation message will appear before the language is changed.



Pen Maintenance

To keep your product in good condition, follow these guidelines:

- Store in protective case when not in use.
- Keep away from excessive moisture and temperature extremes.
- Clean using a soft, damp cloth.
- Do not use soap or other cleaning aids on the touch screen.
- Avoid exposing to direct sunlight for long periods.
- Avoid scratching or damaging the touch screen.

CAUTION: To reduce the risk of electrical shock or damage to the internal components, do not spray liquid directly on the screen or allow excess liquid to drip inside your Pen.

The Pen Power Supply

The Pen comes with 2 AAA Alkaline batteries.

Safety Points (Batteries)

- Always place 2 fresh batteries in the Pen. It is not advisable to use the Pen with batteries that are not at the same voltage level.
- Do not combine different types of batteries (e.g. rechargeable and non-rechargeable).
- Dispose of used batteries according to the manufacturer's instructions.

CAUTION: *Risk of explosion if battery is replaced by an incorrect type. Use AAA Alkaline batteries only.*

Preserving Battery Usage

To optimize battery usage, go to **Set Auto Shut-Off Time** in **Preferences** in the **Pen Main Menu** and modify the settings according to your needs.

External Power Supply (using the USB cable)

Connecting the Pen to the PC using the USB cable automatically activates the power supply from the PC. This has the following implications:

- The Pen uses the external power supply when connected to the PC, so batteries last longer.
- **Set Auto Shut-Off Time** in **Preferences** is disabled when the Pen is connected to the PC.

CAUTION: *Unsaved information may be lost if the USB cable is disconnected while using without batteries. It is very important that the Pen always contains batteries, even when connected to the PC.*

Tutorials

1. Learning to Scan (using the Trainer)

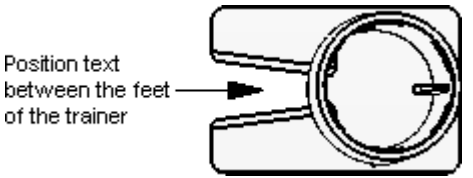
This tutorial will help you learn to scan using the Trainer supplied in the package.

1. Slide the Trainer onto the tip of the Pen (instead of the cap) and press into place.
2. Turn the Pen on by pressing the red Power key. Select the **Quicktionary** icon from the **Pen Main Menu** by tapping on it with the stylus or by using the direction keys
3. Position the Trainer at the end of the practice sentence with the Pen facing the text.
4. Position the Pen so that the text is centered between the feet of the Trainer.
5. Glide the Pen from right to left in a straight line over the text. Start scanning 1cm from the end of the sentence and finish 1cm after.

Use the following practice sentence:

This sentence will help me practice scanning.

Note: The Pen default is set to right-handed scanning. To change the Pen display to left-handed scanning, use the **Set Right-/Left- Handed** *option from* **Preferences** *in the* **Pen Main Menu**.



Positioning of Text for Scanning with Trainer

2. Editing and Entering Text

Use the **Virtual Keyboard** to enter or edit text with the stylus. To access the **Virtual Keyboard** select ✎ from the application toolbar.

The Virtual Keyboard

The Editing Area

This is the insertion point for new text, as indicated by the blinking cursor. Use the stylus to enter or edit text with the character keys, or scan text directly into the editing area.

Scanned text is underlined. Tapping any key other than ✗ or ← will accept the inserted text.

Text can be erased by:

1. Using ← to delete individual characters.
2. Highlighting the text with the stylus and selecting ←, or typing/scanning over the highlighted text.

The Auto Complete Feature

The auto complete list provides potential endings to inserted characters. Tap on the top right box to open the pull down list in order to select the desired word. The selected word will appear in the edit area.

The Auto Complete List

Note: The auto complete list only contains words from the selected dictionary.

The Keyboard

The keyboard layout corresponds to the selected scanning language settings.

The Keys:

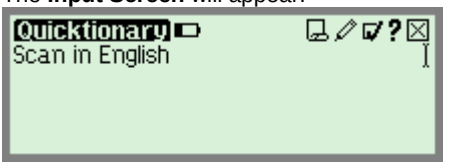
Key	Function
	Backspace: Tap to delete characters to the left of the cursor.
or ESC	**Close and Cancel:** Tap to reject all changes and return to the application screen.
or Enter	**Close and Save:** Tap to accept all changes and return to the application screen.
	Shift: Tap to switch to uppercase characters. The keyboard will automatically return to the regular layout after selecting one character. Use to enter more than one uppercase character.
	Caps Lock: Tap to view the uppercase character keyboard. Tap again to return to regular layout.
	International: Tap to switch to the international keyboard. The keyboard will automatically return to the regular layout after selecting one character.
	Numeric: Tap to view the numeric keyboard. Tap again to return to the regular layout.

3. Quicktionary Tutorial

This tutorial will take you through the basic use of the **Quicktionary** application. The English to French dictionary is used as an example.

1. **Accessing the Input Screen**
   a. Press the red ESC key to turn the Pen on.
   b. From the **Pen Main Menu**, enter the **Quicktionary** application:
      - By pressing ENT when the icon is highlighted.
      - By tapping on the icon with the stylus.

   The **Input Screen** will appear:

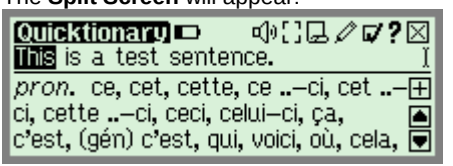


2. **Selecting a dictionary**
   a. Select from the toolbar by tapping with the stylus or by pressing ESC and using the direction keys.
   b. Choose **Select Dictionary** from the drop-down menu.
   c. Select a dictionary whose source language is English, such as English to French or English to Spanish.

3. **Scanning a line of text**
   Scan the following sentence:

   This is a test sentence.

   The **Split Screen** will appear:



Note:

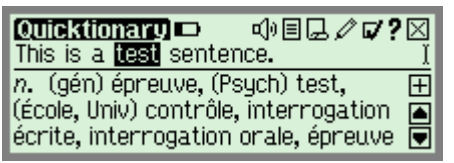
- *The* **Split Screen** *appears whenever more than one word is scanned.*
- *The scanned text is displayed in the upper section.*
- *Selecting a word in the upper section using the direction keys or stylus causes the word to be highlighted and its translation displayed in the lower section of the screen.*

Scanning Tips: If the scanned text has many errors, or if you wish to scan another line, simply scan again and the text on screen will be overwritten. You can also use the **Virtual Keyboard** to edit scanned text or to input new text.

4. Split Screen: **Translations**

a. Select the word 'test' (tap with the stylus or scroll across using the right direction key).

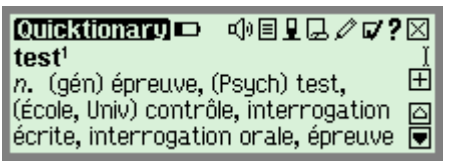
b. Scroll through the translations in the **Split Screen** using either the up/down direction keys or by activating the scroll bar with the stylus.



The Split Screen highlighting the word 'test'

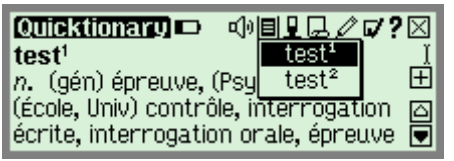
5. Accessing the Dictionary Screen

Select the highlighted word by pressing Enter or tapping the word with the stylus, to view the **Dictionary Screen**.



The Dictionary Screen showing the entry for 'test'

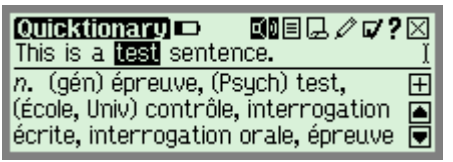
6. **Using the Alternative Entries list**
   a. Select to view a list of additional entries for the word ‘test’. **Alternative Entries** may include identical or related entries from the current dictionary.



Alternative entries list for the word ‘test’

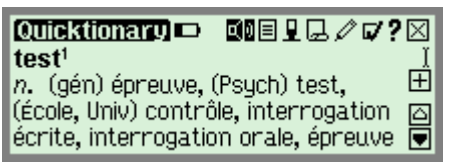
   b. Select to return to the **Split Screen**.

7. **Hear text read aloud**
   a. Press ESC to access the toolbar. The voice icon will be highlighted. Press ENT. The text on screen will be read aloud.



The voice icon highlighted in the Split Screen

   b. When the sentence has been read aloud, the highlight will disappear from the voice icon. Press ENT to access the **Dictionary Screen**.
   c. Press ESC to access the toolbar. The voice icon will be highlighted. Press ENT. The word on screen will be read aloud.



The voice icon highlighted in the Dictionary Screen

4. Notes Tutorial

This tutorial will take you through the basic use of the **Notes** application.

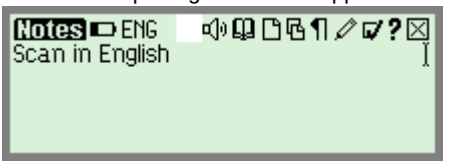
The tutorial has two parts:

- Using **Notes** on the Pen
- Managing **Notes** files in the **PenExplorer**

Using Notes

1. **Accessing the Input Screen**
   a. Press the red ESC key to turn the Pen on.
   b. From the **Pen Main Menu**, enter the **Notes** application:
      - By pressing ENT when the icon is highlighted.
      - By tapping on the icon with the stylus.

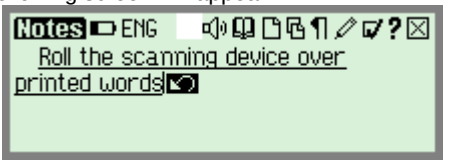
      The **Notes** opening screen will appear:



2. **Scanning a line of text**
   Scan the following line:

   Roll the scanning device over printed words

   The following screen will appear:

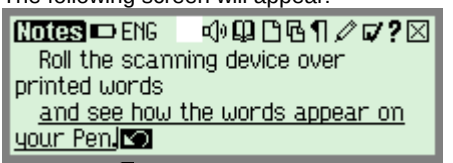


3. **Inserting and deleting paragraphs**
   a. Select ¶ from the **Notes** toolbar. You will see a drop-down menu with two options:

   b. Select **New Paragraph**. The cursor will move down to the next line.
   c. Scan the following line:

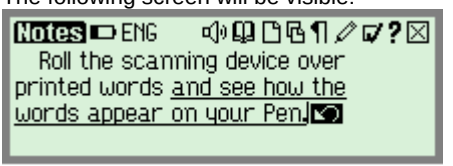
and see how the words appear on your Pen.

The following screen will appear:



   c. Go back to ¶ and select **Delete Paragraph**. A confirmation message will appear. Select OK. The new paragraph will disappear and the cursor will return to the end of the first line.
   d. Scan the above sentence again.

The following screen will be visible:

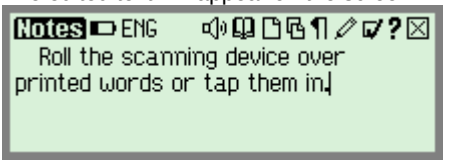


4. **Deleting and Editing text**
   a. Select ↩ to delete the last scan (which is underlined).
   b. Select ✎ to open the **Virtual Keyboard**. Insert the following characters using the stylus:

or tap them in.

c. Select ☑ to close the **Virtual Keyboard**.

The edited text will appear on the screen:



5. Cross-referencing words using the installed dictionaries

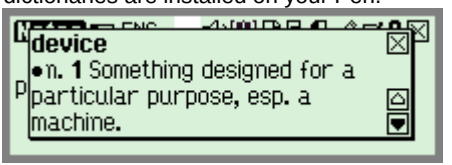
a. Tap the word 'device' with the stylus. The blinking cursor will appear at the point you tapped.

b. Select 🕮 from the Notes toolbar.

Note:

- *If this is your first time using this function, and there is more than one dictionary on the Pen whose source language matches the current scanning language, the* **Select Dictionary** *pop-up will appear. Select the AHD Office dictionary. If you have already used this function, go to* ☑ *and choose* **Select Dictionary**.
- *If there is only one dictionary corresponding to the current scanning language, this dictionary will be selected automatically.*

c. A pop-up similar to the following will appear. The dictionary entry will vary depending on which dictionaries are installed on your Pen.



c. Scroll through the dictionary entry using ▲ and ▼.

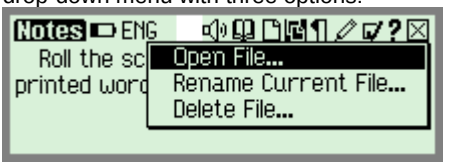
d. Select ☒ or press ESC to close the pop-up.

6. **Hear scanned text read aloud**
   Select from the **Notes** toolbar. The entire sentence will be read aloud.

   Note: This function is only available when the Pen contains support for reading aloud in the selected language.

7. **Working with files**

   a. Select from the **Notes** toolbar. You will see a drop-down menu with three options:



   b. Select **Rename Current File**. The **Virtual Keyboard** will open and the file name 'file001' will appear highlighted in the editing area. This is the default file name.

   c. Using the stylus, change the name of the file to 'scanning'. Select to accept changes.

   d. Select to create another file. Scan in the following text:

      This is another scanning example.

   d. Go to and select **Rename Current File**. Change the file name to 'example'. Select .

   e. Go back to and select **Open File**. You will see that there are now two files on your Pen. Open the previous file, 'scanning'.

   f. Go to and select **Delete File**. You will see both files again. Select the second file and press NO when prompted.

Note: All scanned text is automatically saved in the current file under a default file name. If you have

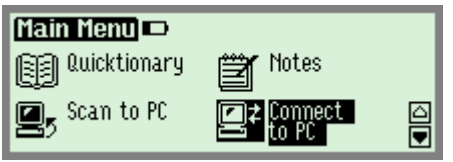
scanned text on your screen and you choose to create a new file, you can return to the previous text by selecting **Open File** *in* and *scrolling down to the last file saved.*

8. **Return to the Pen Main Menu**
   Select ☒ from the **Notes** toolbar to close **Notes** and return to the **Pen Main Menu**.

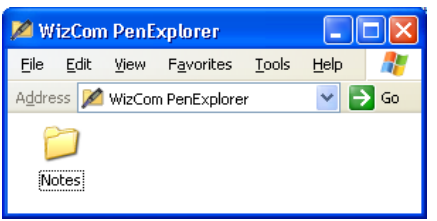
Managing Files Using the PenExplorer

The **PenExplorer** must be installed in order to transfer **Notes** files between the Pen and PC. If you have not yet installed the PenExplorer see ***Installing the PenExplorer*** on page 3.

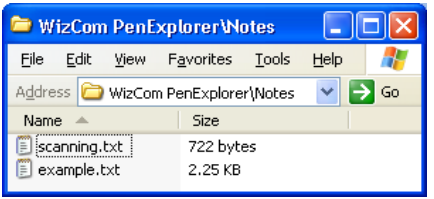
1. Turn your computer on and connect your Pen to the PC with the USB cable.
2. From the **Pen Main Menu**, select **Connect to PC**:
   - By pressing ENT when the icon is highlighted.
   - By tapping on the icon with the stylus.



3. The **WizCom PenExplorer** window will open and the icon will be seen in the notification area of the windows taskbar.



4. Double-click on the **Notes** folder to open it. You will see the files you saved in the **Notes** folder.



5. Click on a file in the **Notes** window to highlight it. Right-click to open the drop-down menu and select the function you wish to use.

   Note: You can copy files to and from the **Notes** *folder using standard Windows functions, such as drag-and-drop, copy-paste and using the PC shortcut keys. See* ***File Management*** *on page 51 for information on saving files for transfer to the Pen.*

6. Press the red ESC key on the Pen to exit the **PenExplorer** and return to the **Pen Main Menu**. The **PenExplorer** window will close on the PC.

5. Scan to PC Tutorial

This tutorial will take you through the basic use of **Scan to PC**.

Scan to PC is used to scan text and send it directly to the PC. Text can be scanned into any file or application on the PC that has a blinking cursor.

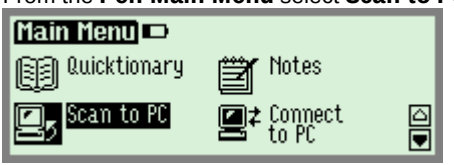
The **PenExplorer** must be installed in order to use **Scan to PC**. If you have not yet installed the PenExplorer see ***Installing the PenExplorer*** on page 3.

Establishing Pen-PC Communications

Make sure the USB cable is connected to both the Pen and PC.

On the Pen:

1. Press the red power key to turn the Pen on. If you do not see the **Pen Main Menu**, select ☒ to exit the current application and return to the **Pen Main Menu**.
2. From the **Pen Main Menu** select **Scan to PC**.



The message "**Connecting to PC...**" will appear.

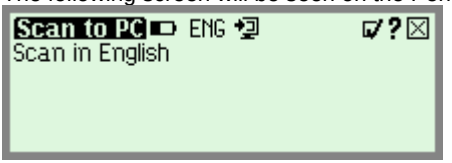
*Note: If the message "***Error Connecting to PC***" appears, check that the USB cable is connected to both the Pen and PC.*

Pen-PC Communications:

When the Pen and PC successfully establish communications, the **PenExplorer Scan to PC** icon will appear in the Windows taskbar.

The Pen will enter the **Scan to PC** application.

The following screen will be seen on the Pen:



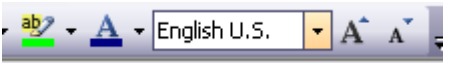
Set the scanning language to **English** as follows:

1. Select ☑ from the toolbar by tapping with the stylus or by pressing ESC (red key) and using the direction keys.
2. Choose **Set Scanning Language** from the drop-down menu and select **English**.

Using Scan to PC

On the PC:

1. Open a **Microsoft Word** Document.
2. Set the language to **English** using the language option in the **Formatting Toolbar**.



The Language option in the Formatting Toolbar

3. Make sure that a blinking cursor is visible, indicating that text can be inserted into the document.

Note: **Scan to PC** *can be used with any computer application that text can be inserted into (has a blinking cursor), e.g. most Microsoft Office applications, MSN Messenger and the address bar of Internet Explorer.*

On the Pen:

Scan to PC has two modes: **Auto Send** and **non-Auto Send**. The Pen's default setting is **Auto Send**.

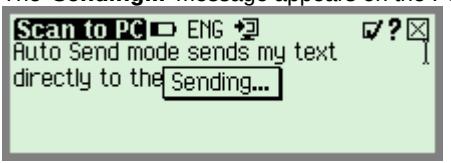
Using **Auto Send** mode:

1. In ☑ confirm that the **Auto Send** option is on (checked), and that ⇲ appears on the top of the screen.

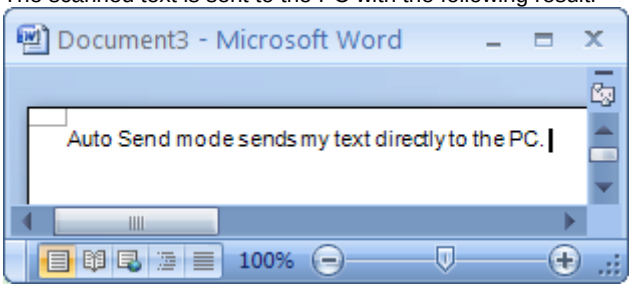
2. Scan the following line:

Auto Send mode sends my text directly to the PC.

The '**Sending...**' message appears on the Pen Screen:



The scanned text is sent to the PC with the following result:

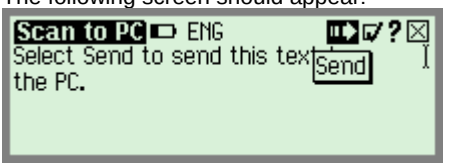


Using **non-Auto Send** mode:

1. In ☑ change the **Auto Send** option to off (not checked), and see that 🖪 (the **Send** icon) is now visible in the toolbar.
2. Scan the following line:

Select Send to send this text to the PC.

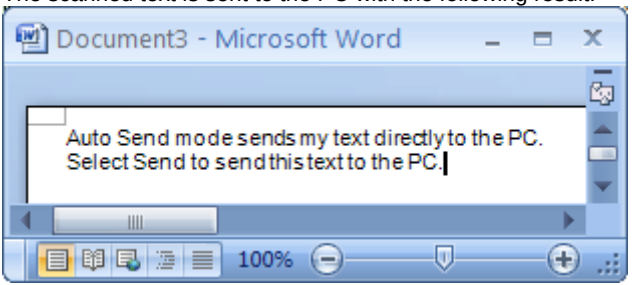
The following screen should appear:



Scanning Tips: *In* **non-Auto Send** *mode, if the scanning results are bad, simply scan again before you send the text, and the text on screen will be replaced with the newly scanned text. This is not possible in* **Auto Send** *mode, as the text is sent immediately to the PC.*

3. Make sure the same Microsoft Word file as before is open on the PC and that the blinking cursor is visible.
4. On the Pen select **Send** by either tapping on it with the stylus or pressing the Enter key.
5. The '**Sending...**' box should appear on the Pen screen.

The scanned text is sent to the PC with the following result:



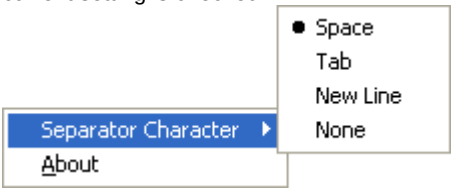
Changing Scan to PC Settings in the PenExplorer

The **Scan to PC** settings in the **PenExplorer** determine what key is inserted after each line of text is sent to the PC application. The default setting is **Space**, meaning that a space is inserted after each scan appears in the application.

To change the setting:

1. Right-click on the **PenExplorer** icon in the notification area of the Windows taskbar. A menu list will appear.

2. From the menu list, click on **Separator Character**. A list will appear, showing the four available options. The current setting is checked.



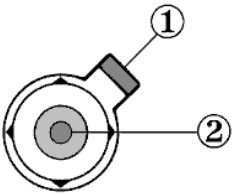
Scan to PC Settings in the PenExplorer taskbar menu

3. Select the setting you wish to use. This setting will be applied for the next scans.

To exit **Scan to PC**, select ☒ from the **Scan to PC** toolbar. The Pen will return to the **Pen Main Menu**, and the **PenExplorer** icon will disappear from the Windows taskbar.

The Pen User Interface

The Pen Keys



1. **Power/Escape Key**
   a. **Power:**
      Start up – Short press to turn the Pen on
      Shut down - Long press to turn the Pen off

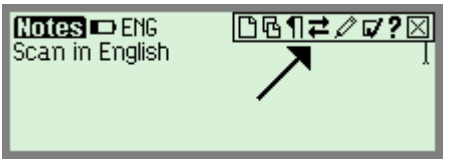
      Note: To turn the Pen off, hold down the Power key until the progress bar reaches the end.

   b. **Escape:**
      Activate/deactivate toolbar
      Close submenus and pop-ups

2. **5-way button**
   a. **Enter key:**
      Select highlighted option by pressing the key
   b. **Direction keys:**
      Activate the direction keys by pushing the 5-way button in the desired direction
      1. **Right/Left direction keys:**
         Scroll right or left
      2. **Up/Down direction keys:**
         Scroll up or down
         Create a new paragraph in **Notes** using the Down key

The Application Toolbar

The toolbar appears on the top right corner of the application screen. It can be accessed using either the stylus or the Pen keys.



Accessing the Toolbar

1. **Using the Stylus**
   - Tap the icon to open the toolbar item.
   - Within the menu option, tap with the stylus to select an option or scroll up/down using the scrollbar icons.
   - To de-select the toolbar, simply tap in a space outside the menu or toolbar.

2. **Using the Pen Keys**
   - Press ESC (the red key) to activate the toolbar. The leftmost active toolbar item will be highlighted.
   - Use the right/left direction keys to scroll between the toolbar items. Press ENT to access the menu option.
   - Scroll up/down within the menu using the up/down direction keys. Exit the menu by pressing Escape and then press Escape again to de-select the toolbar.

Icons and Indicators

The following table contains a list of icons and graphic indicators.

Icons can be selected by tapping on them with the stylus, or by using the 5-way button. Indicators cannot be selected and represent the current state of the Pen.

Graphic	Function
Common Toolbar Icons	
	Read Aloud: Hear text on screen read aloud.
	Edit: Activate the **Virtual Keyboard** or **Handwriting** feature to edit text.
	Settings: Display the **Settings** menu options.
	Help: Display the **Help** menu options.
	Pen Main Menu: Exit the application.
The Quicktionary Toolbar	
	Alternative Entries: See a list of additional entries for the current word.
	No Alternative Entries: Indicates no alternative entries for the current word.
	History: Display a list of recently viewed words.
	Return to Split Screen: Return to the Split Screen.
The Notes Toolbar	
	Translate / Define Word: Define or translate words by cross-referencing to the selected dictionary.
	New File: Create a new file.
	File Operations: Open, rename or delete existing files.
	Paragraph: Create or delete a paragraph.
	Beaming: Send/receive files via infrared communications. Files can be transferred using IrOBEX compatible devices, such as PDAs (Palm, IPAQ etc), or smartphones.
	Erase: Erase last-scanned text (underlined).

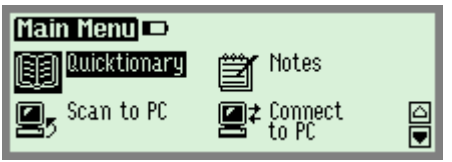
Graphic	Function
The Scan to PC Toolbar	
	Send: When the **Auto Send** function is disabled, selecting this icon will send the scanned line to the PC.
	Auto Send: Indicates that scanned text will be sent immediately to the PC.
Settings Menu – toggle options	
	Indicates that the option is OFF.
	Indicates that the option is ON.
Scanning Settings Indicators	
	Indicates ready to scan.
	Indicates ready to scan inverse text (white text on dark background).
ENG	**Language Indicator**: Shows the scanning language the Pen is currently set to scan (i.e. ENG = English).
ENG	**Inverse Mode**: Indicates that the Pen is set to scan inverse text (white text on dark background).
123	**Numeric Mode**: Indicates that the Pen is set to scan numbers only.
Scrollbars	
	Scroll using the stylus.
	Inactive scrollbars indicate that there is no text to scroll through.
Battery Indicators	
High **Medium** **Low** **Empty**	
External Power Indicators	
	Indicates that the Pen is powered by the PC and the Pen contains batteries.
	Indicates that the Pen is powered by the PC but the Pen contains no batteries. *Note: It is highly recommended that the Pen contains batteries even when powered by the PC.*

The Pen Main Menu

To access the **Pen Main Menu**, exit the application you are currently working in, by selecting ☒ from the application toolbar. Use the stylus, or press the escape key and scroll with the right/left direction keys.

The following items appear in the **Pen Main Menu**:

- **Quicktionary** (see page 32)
- Games (see page 38)
- **Notes** (see page 41)
- **Scan to PC** (see page 44)
- **Connect to PC**
- **Preferences**
- **Information**



The Pen Main Menu

Connect to PC

Use this option to allow you to move or copy **Notes** files from the Pen to your PC or to delete files currently stored on the Pen.

See the ***PenExplorer*** section on page 47 for more information.

The Preferences Menu

Modify the general Pen settings using this menu which can be accessed from the **Pen Main Menu** or from the **Settings** (🗹) menu within each application.

When changing a setting, press ENT or select OK to save changes. To return to the **Preferences** menu without making changes, press ESC or ☒.

Set Menu Display Language

The menu display language is the language in which the menus and messages appear (the Pen UI). Use this option to change the menu display language.

Voice Settings

Use this option to modify the volume, pitch and reading speed on the Pen. This will change the way text is read aloud in the **Quicktionary** application. Move the slider bar by dragging with the stylus or using the direction keys.

Set Auto Shut-Off Time

If the Pen is on but is not being used, it will shut down automatically after two minutes. Use this option to change the default time setting. Settings range from 1min – 15min.

Set Right–/Left– Handed

Use this option to switch between right and left-handed scanning. The Pen default is set to right-handed scanning.

Set Screen Contrast

Use this option to adjust the brightness of the display. Move the slider bar by dragging with the stylus or using the direction keys.

Calibrate Touch Screen

At times the stylus touch may become inaccurate. If so, the touch screen will need to be recalibrated. Select the option and follow the instructions to calibrate the screen.

Touch Screen Calibration

Information

Use the **Information** menu to view the following information:

View Memory Status

Use this option to see how much memory is available on the Pen for storing files.

Serial Number

Use this option to view the Pen serial number.

About

Use this option to view the Pen version and copyright information.

The Pen Applications

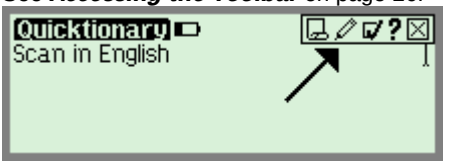
Quicktionary

The **Quicktionary** application is used primarily for scanning and translating text. Text can also be inserted manually using the **Virtual Keyboard**.

For a step-by-step guide to using the Quicktionary application see the ***Quicktionary Tutorial*** on page 11.

The Quicktionary Toolbar

The toolbar appears on the top right corner of the screen. It can be accessed using either the stylus or the Pen keys. See ***Accessing the Toolbar*** on page 26.



The Quicktionary Toolbar

Toolbar Options

Read Aloud

Hear text read aloud (supported languages only). Use the **Voice Settings** option in the **Preferences** menu to define speaker settings.

Alternative Entries

View a list of alternative translations of the selected word. This menu item is inactivated if there are no alternative entries.

History

View a list of previously scanned words. Select a word from the list to access the translation from the relevant dictionary.

Return to Split Screen

Use this option to go back to the **Split Screen** after viewing a single dictionary entry from a scanned line of text.

Edit

Access the **Virtual Keyboard** to modify scanned text or to insert new text. See ***Editing and Entering Text*** on page 9 for information on using the **Virtual Keyboard**.

Settings

The **Settings** menu contains the following options:

Menu Option	Function
Enlarged Font	Use this option to switch between regular and enlarged display font. The Pen's default setting is enlarged font.
Always Read Aloud	Use this option to change the speaker setting for reading text aloud. The Pen's default setting is *selected* √ which means that text is read aloud immediately after it is scanned or selected.
Inverse	The Pen is set to scan dark text on a light background. Select this option to scan inverse text (white text on dark background).
Select Dictionary	View a list of available dictionaries and change the default dictionary.
Reset History	Erase the **History** list of previously viewed words.
Preferences...	Display the **Preferences** menu (from the **Pen Main Menu**).

For further information see **Scanning Settings** on page 5.

Help ?

The **Help** menu contains the following options:

Menu Option	Function
Pronunciation Guide	A guide to the pronunciation of words using the phonetics alphabet and symbols.
Icons...	An explanation of the icons and graphic indicators seen on the Pen screens.
Keys...	An explanation of the Pen keys and their functions.

Note: Only relevant icons and menu options will be available in each screen.

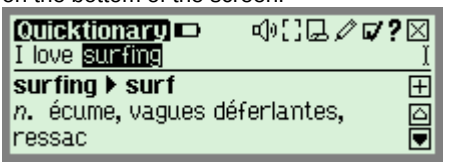
The Quicktionary Screens

The Quicktionary application has two main screens, the **Split Screen** and the **Dictionary Screen**. Each screen displays the translation of the selected words.

The ⊞ and ⊟ icons can be used to toggle between the complete and abridged forms of the translation.

Split Screen

The **Split Screen** appears after scanning or entering more than one word. The scanned text appears on the top of the screen, and the translation of the highlighted word appears on the bottom of the screen.

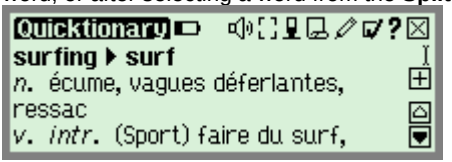


Scroll through the scanned text using the right/left direction keys or by tapping on the right/left scrollbars with the stylus when they appear. Selecting a word from the **Split Screen** by tapping with the stylus will switch to the **Dictionary Screen**, displaying the translation of the selected word.

If the selected dictionary supports reading aloud, select the **Read Aloud** icon to hear the entire sentence read aloud. Select **Always Read Aloud** from the **Settings** menu to hear individual words read aloud as they are highlighted.

Dictionary Screen

The **Dictionary Screen** appears after scanning a single word, or after selecting a word from the **Split Screen**.



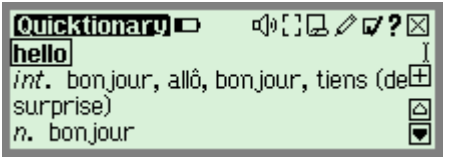
If you have reached the **Dictionary Screen** after selecting a word from the **Split Screen**, select to return to the scanned line in the **Split Screen**.

If the selected dictionary contains support for reading aloud, press ENT or select the **Read Aloud** icon to hear the word read aloud.

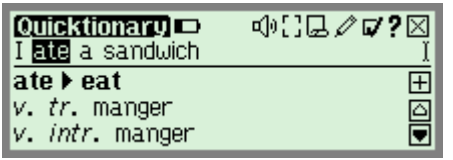
Dictionary Entries

The dictionary entries contain various elements. These examples are derived from the English to French dictionary.

1. **Headword**
   The selected word or derivative of the selected word.



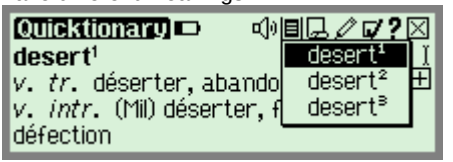
The headword ‘hello’



The word ‘ate’ is a derivative of the headword ‘eat’

2. Homonyms

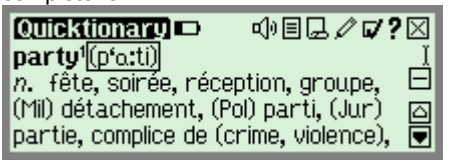
Two or more words which are spelled the same but have different meanings.



The Alternative Entries list for the homonym 'desert'

3. Phonetics

The phonetic transcription of the headword. This can be seen when the dictionary entries are displayed in complete form.

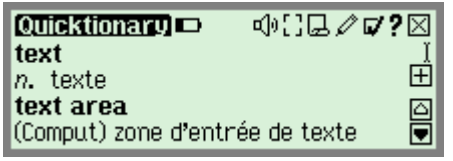


Phonetics of the entry 'party'

For a guide to the phonetic symbols used in the dictionary, select **Pronunciation Guide** from the **Help** menu.

4. Translation

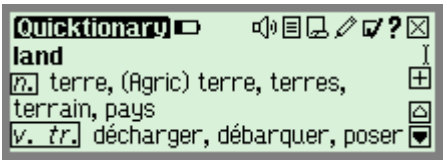
Some words may have additional meanings when combined with other words. These can be viewed by scrolling through the dictionary definition of the particular word.



Translation of the headword 'text'

5. Parts of Speech

Categories of words that describe their particular function, e.g. nouns, verbs, adjectives. Some dictionary entries contain several parts of speech.



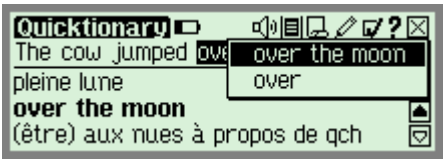
The different parts of speech of the word ‘land’

6. Idioms

Expressions or phrases usually composed of a sequence of words. They can be identified:

a. Automatically within a sentence (scanned/typed).
b. By scrolling through the translation of the first word of the sequence.

The idiom ‘over the moon’ from the headword ‘over’



The Alternative Entries list for the idiom ‘over the moon’ includes the complete idiom and the first word of the idiom (i.e. ‘over’).

Games

Se
lect this option to access the **Games**. The games use words derived from the **Quicktionary History** list to help you practice words you have looked up. If there are not enough words in your **History** list, additional words will be added to the word list from the selected dictionary. The games use dictionaries whose source language is English.

Wordman

Guess the mystery word by tapping on letters from the keyboard with the stylus. If you guess a correct letter, it will appear in the matching space in the answer section above the keyboard. Guessing a letter which does not appear in the word will cause a body part to be added to the **Wordman**. Eight incorrect guesses and you lose!

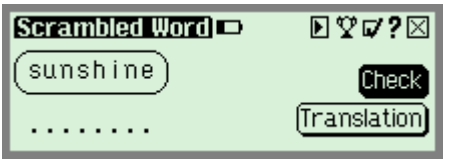
If you need help with guessing the word, use the **Translation/Definition** button to view the dictionary entry for the mystery word. Use the stylus or press ENT to access the **Translation/Definition** button. Any letters you have already used will appear highlighted on the keyboard.

Scrambled Word

Unscramble the word using the letters found underneath the answer box. If you need help, use the

Translation/Definition button to view the dictionary entry for the mystery word.

When you have filled in all the empty spaces, a **Check** box will appear. If you have finished unscrambling the word, tap the **Check** box with the stylus to see if you have the right answer.



Use the stylus to tap the letter you wish to move. The letter will appear highlighted. Tap on the place in the answer box where you wish to place the letter. You can move letters into, around and out of the box as many times as you wish.

Toolbar Options

The following toolbar options are relevant for both **Wordman** and **Scrambled Word**. See ***The Toolbar*** on page 26 for information on accessing the toolbar with the stylus and Pen keys.

Move to Next Word

Use this option to clear the current screen and move to the next mystery word.

Show Score

Use this option to see how many words you have guessed correctly. You can reset the score by selecting Reset Score from the Settings menu.

Settings

The **Settings** menu contains the following options:

Enlarged Font	Select this option to change the display setting to enlarged font
Select Dictionary	Choose the dictionary you wish to use with the game

Reset Score	Clear the score for the current game and start from zero
Word Selection	Choose which word list you wish to use – either words from your **Quicktionary History** list or random words from the selected dictionary
Preferences	Display the Preferences menu (from the Pen Main Menu)

Help ?

The **Help** menu contains the following options:

How to Play	View the playing instructions for this game
Icons	An explanation of icons and graphic indicators
Keys	An explanation of the Pen keys and their functions

Notes

The **Notes** application is used primarily for scanning text and storing it on the Pen for future transfer to the PC using the PenExplorer.

Text can also be inserted manually using the **Virtual Keyboard**.

Notes can also be used to define or translate text from within a file using the dictionaries installed on the Pen.

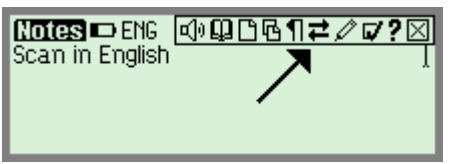
For a step-by-step guide see the ***Notes Tutorial*** on page 14.

Transferring Files

Files can be transferred from the Pen using the **PenExplorer**. Files are saved on the Pen and then transferred to the PC using the **PenExplorer** application. For information on how to manage files using the **PenExplorer**, see ***File Management*** on page 51.

The Notes Toolbar

The toolbar appears on the top right corner of the screen. It can be accessed using either the stylus or the Pen keys. See ***Accessing the Toolbar*** on page 26



Toolbar Options

Read Aloud

Hear scanned or inserted text read aloud in supported languages. This icon does not appear if the selected dictionary does not contain support for reading aloud.

Translate/Define Word (cross-reference)

Use this function to view the translation or definition of words within **Notes** files. The cross-reference function is available only when the source language of one or more of the dictionaries installed on the Pen corresponds to the selected scanning language.

If there is more than one dictionary on the Pen whose source language is the same as the current scanning language, the **Select Dictionary** option appears in on the **Notes** toolbar. Use this option to switch between the dictionaries.

Accessing the cross-reference function:

a. Use the stylus or the direction keys to place the cursor at the word you wish to view.
b. Select from the **Notes** toolbar or press ENT to view the dictionary entry.

New File

Create a new file. If there is scanned text on the screen, selecting will automatically save the previous file under a default file name.

File Operations

Use this option to open or delete stored files, or to rename the current file.

Paragraph ¶

Use this option to create or delete paragraphs.

Edit

Access the **Virtual Keyboard** to modify scanned text or to insert new text.

Settings

The **Settings** menu contains the following options:

Menu Option	Function
Enlarged Font	Use this option to switch between regular and enlarged display font. The Pen's default setting is enlarged font.

Menu Option	Function
Inverse	The Pen is set to scan dark text on a light background. Select this option to scan inverse text (white text on dark background).
Numeric	Use this option when scanning numbers.
Set Language for New File	Change the scanning language for the next new file. See ***Selecting a Language for Scanning***, on page 6.
Select Dictionary	Choose the dictionary you wish to use for cross-referencing. This option only appears if there is more than one dictionary available for the source language.
Preferences...	Display the **Preferences** menu (from the **Pen Main Menu**).

For further information see ***Scanning Settings*** on page 5.

Help ?

The **Help** menu contains the following options:

Menu Option	Function
Icons...	An explanation of the icons and graphic indicators seen on the Pen screens.
Keys...	An explanation of the Pen keys and their functions.

Note: Only relevant icons and menu options will be available in each screen.

Scan to PC

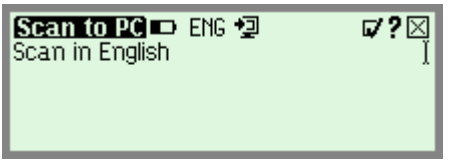
Scan to PC is used to scan text and send it directly to the PC. Text can be scanned into any file or application on the PC that has a blinking cursor. The Pen must be connected to the PC with the USB cable before entering the **Scan to PC** application.
When selecting Scan to PC from the Pen Main Menu, the icon will appear in the Windows taskbar, indicating that the **PenExplorer** application has been activated.

For a step-by-step guide to using **Scan to PC**, see the ***Scan to PC Tutorial*** on page 20.

Scanning Modes

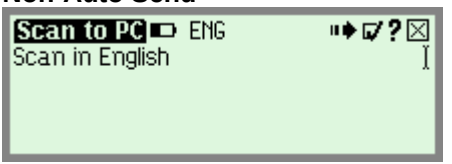
Scan to PC has two scanning modes:

1. Auto Send



When this option is selected in the **Settings** (☑)menu, any text that is scanned is sent directly into an open file on the PC that has a blinking cursor.

2. Non-Auto Send



When the **Auto Send** option in the **Settings** (☑)menu is disabled, **Scan to PC** changes to **non-Auto Send** mode. Text that is scanned is shown on the screen, and the user can choose whether to send the text or not.

When text is scanned, the **Send** option is highlighted on the toolbar. The user can either send the scanned text, or erase the scanned text by scanning again.

The Scan to PC Toolbar

The toolbar appears on the top right corner of the screen. It can be accessed using either the stylus or the Pen keys. See ***Accessing the Toolbar*** on page 26

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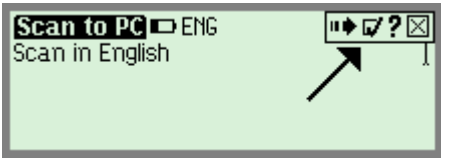


The Scan to PC Toolbar

Toolbar Options

Send

Use this option to send scanned text to the PC when **Auto Send** is not selected in the **Settings** menu.

Settings

The **Settings** menu contains the following options:

Menu Option	Function
Enlarged Font	Use this option to switch between regular and enlarged display font. The Pen's default setting is enlarged font.
Auto Send	Select this option to alternate between **Auto Send** and **non-Auto Send** modes. See Scanning Modes on page 44.

Menu Option	Function
Inverse	The Pen is set to scan dark text on a light background. Select this option to scan inverse text (white text on dark background).
Numeric	Use this option when scanning numbers.
Change Scanning Language	Change the scanning language for the next scanned text. See ***Selecting a Scanning Language***, on page 6.
Preferences...	Display the **Preferences** menu (from the **Pen Main Menu**).

For further information see ***Scanning Settings*** on page 5.

Help ?

The **Help** menu contains the following options:

Menu Option	Function
Icons...	An explanation of the icons and graphic indicators seen on the Pen screens.
Keys...	An explanation of the Pen keys and their functions.

Note: Only relevant icons and menu options will be available in each screen.

The PenExplorer

The **PenExplorer** is the application your Pen uses to communicate with the PC.

Use the **PenExplorer** for:

1. **File management:** Copy files to and from the **Notes** application on the Pen.
2. **Compacting flash memory:** Compact the Pen flash card.

The **PenExplorer** runs in the background when using the **Scan to PC** application.

Installing the PenExplorer and USB driver

Install the **PenExplorer** from the CD you received with the Pen. The installation also installs the USB driver needed for Pen-PC communications.

The **PenExplorer** installs to the **Program Files** folder on your computer. After installation, the **PenExplorer** process, **PenService.exe**, runs in the background in wait mode. It only becomes active when Pen-PC Communications are established and can be seen in the **Processes** tab of the **Windows Task Manager**.

Pen Explorer Modes

The **PenExplorer** icon appears in the notification area of the Windows taskbar when the PenExplorer is activated.

The icon has two modes:

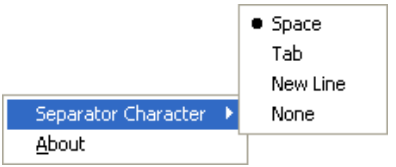
- **Scan to PC**
- **File Transfer**

Scan to PC Mode

Scan to PC Mode is activated when Pen-PC communications are established after entering the **Scan to PC** application on the Pen. The **Scan to PC Mode** icon

appears in the notification area of the Windows taskbar. Right-click on the taskbar icon to open the taskbar menu.

The **Scan to PC** settings in the **PenExplorer** determine what key is inserted after each line of text is sent to the PC application. The default setting is **Space**, meaning that a space is inserted after each scan appears in the application.



Taskbar options for Scan to PC mode

The taskbar menu has the following options:

1. **Separator Characters**: Allows you to determine what key is inserted after each line of text is sent to the PC. There are four options: **Space**, **Tab**, **New Line** and **None**. Click on the option you would like to use to change the setting.
2. **About**: Opens the **PenExplorer Properties** window in the **About** tab. Displays version and copyright information for the **PenExplorer**.

File Transfer Mode

File Transfer Mode is activated when Pen-PC communications are established using **Connect to PC** in the **Pen Main Menu**. It is used for file transfer between the Pen and PC and to compact the pen's flash memory. Right-click on the taskbar icon to open the taskbar menu.

The **PenExplorer File Transfer** icon appears in the notification area of the Windows taskbar. Click on the icon to open the **PenExplorer** window.

Taskbar options for File Transfer mode

The taskbar menu has the following options:

1. **Open PenExplorer**: Opens the **PenExplorer** window.
2. **About**: Opens the **PenExplorer Properties** window in the **About** tab. Displays version and copyright information for the **PenExplorer**.

The PenExplorer Window

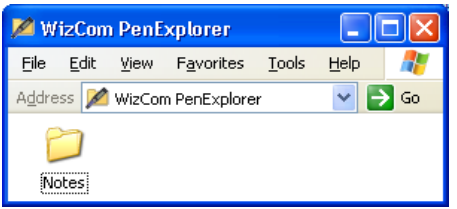
The **Pen Explorer Window** is seen when **File Transfer Mode** is activated. It is used when transferring files between the Pen and PC. When **File Transfer Mode** is activated the **PenExplorer** window is seen on screen.

Opening the PenExplorer Window

To open the **PenExplorer** window:

1. Turn the Pen on.
2. Connect the Pen to the PC using the USB cable.
3. Select **Connect to PC** from the **Pen Main Menu**.

The **PenExplorer File Transfer** icon will appear in the Windows taskbar and the **PenExplorer** window will open on screen.



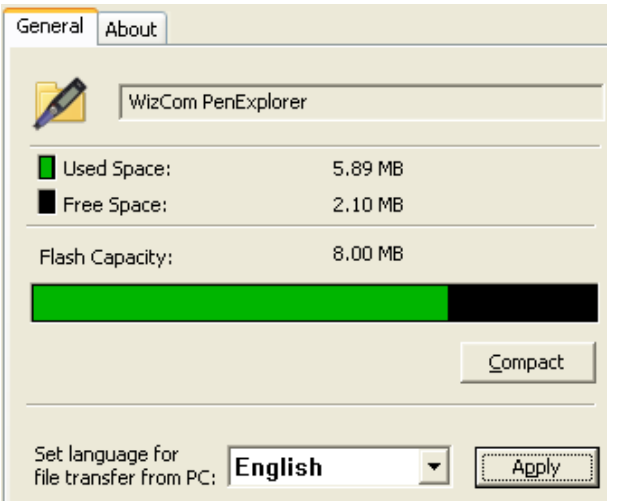
PenExplorer Properties Window

Right-click on an empty space in the main **PenExplorer** window. Select **Properties** from the drop-down menu. This will open the **WizCom PenExplorer Properties** window.

The **PenExplorer Properties** window has two tabs:

1. **General**:
   a. Shows the Pen's memory status and gives you the option to compact the flash card memory.

   b. Allows you to choose the language for transferring files from the PC to your Pen.
2. **About**: Displays version and copyright information for the **PenExplorer**.



Compacting Flash Memory

The Pen's flash memory is used to store Pen files. The flash memory should be compacted manually every once in a while, especially after deleting many files from the Pen. This will speed up Pen performance for future file transfers.

To access the **Compact** function:

1. Right-click on a space in the main **PenExplorer** window and select **Properties** from the drop-down menu to reach the **General** tab.
2. Click on the **Compact** button to activate the compact function. If the memory requires compacting, the **Compacting** message will appear. Do not disconnect the Pen until the message disappears.

The Notes Folder

The **Notes** folder contains all files saved on the Pen or copied to the Pen.

Double-click on the **Notes** folder in the **PenExplorer** window to open the folder. Double click on a file to open the file in **Notepad**.

File Management

1. Files that can be copied to the Pen

You can only copy specific files to the Pen:

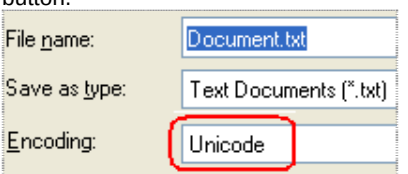
a. Only files with a ***.txt** extension (plain text files) can be transferred to the Pen.
b. Files must be saved as **UNICODE**.
c. File names must be in English and should be less than 8 characters long. File names that are longer than 8 characters, or that contain non-ABC characters will be renamed when they are transferred to the **PenExplorer**.

2. Saving files in the correct format

Files must be saved as plain text files and in UNICODE.

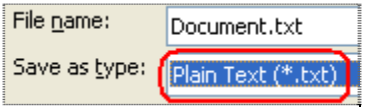
From Notepad:

1. Go to **File\Save As**. Insert a file name.
2. Make sure file type is **Text Documents (*.txt)**.
3. Change encoding to **Unicode** and click the **Save** button.

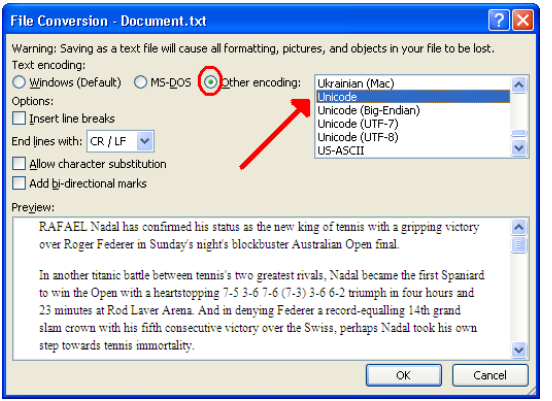


From Word:

1. Go to **File\Save As**. Insert a file name.
2. Change the file type to **Plain Text (*.txt)** and click the **Save** button.



3. The **File Conversion** dialog box appears. Select **Other encoding**. Scroll through the list and select **Unicode**.


File Conversion - Document.txt
Warning: Saving as a text file will cause all formatting, pictures, and objects in your file to be lost.
Text encoding:
Windows (Default)
MS-DOS
Other encoding:
Ukrainian (Mac)
Unicode
Unicode (Big-Endian)
Unicode (UTF-7)
Unicode (UTF-8)
US-ASCII
Options:
Insert line breaks
End lines with: CR / LF
Allow character substitution
Add bi-directional marks
Preview:
RAFAEL Nadal has confirmed his status as the new king of tennis with a gripping victory over Roger Federer in Sunday's night's blockbuster Australian Open final.
In another titanic battle between tennis's two greatest rivals, Nadal became the first Spaniard to win the Open with a heartstopping 7-5 3-6 7-6 (7-3) 3-6 6-2 triumph in four hours and 23 minutes at Rod Laver Arena. And in denying Federer a record-equalling 14th grand slam crown with his fifth consecutive victory over the Swiss, perhaps Nadal took his own step towards tennis immortality.
OK
Cancel

4. Click the **OK** button.

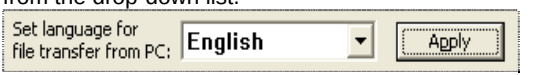
3. Choosing the language for File Transfer

To transfer files in different languages to the Pen, you must first set the **PenExplorer** to the correct file transfer language.

If you do not set the correct language, the file will not appear correctly on the Pen.

To set the file transfer language:

1. Open the **WizCom PenExplorer Properties** window.
2. Go to **Set language for file transfer from PC** and choose the language of the file you want to transfer from the drop-down list.

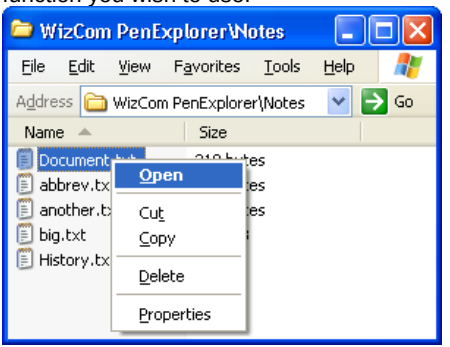


3. Click on the **Apply** button to save your choice.

Note: You will need to change the file language for each language you transfer.

4. Copying Files to and from the Pen

The **PenExplorer**/**Notes** folder works like standard Windows folders. Copy files to and from the **Notes** folder using standard Windows functions, such as drag-and-drop, copy-paste and using the PC shortcut keys. Click on a file in the **Notes** window to highlight it. Right-click to open the drop-down menu and select the function you wish to use.



Troubleshooting

This troubleshooter deals with some potential Pen-PC connectivity issues.

Issues:

1. The Pen says that it is connected to the PC but the **PenExplorer** window hasn't opened on screen and I can't see the icon in the taskbar.
2. I receive the "**Error connecting to PC**" message on the Pen but I have followed all the tips and the **PenExplorer** should be working correctly.

Solutions:

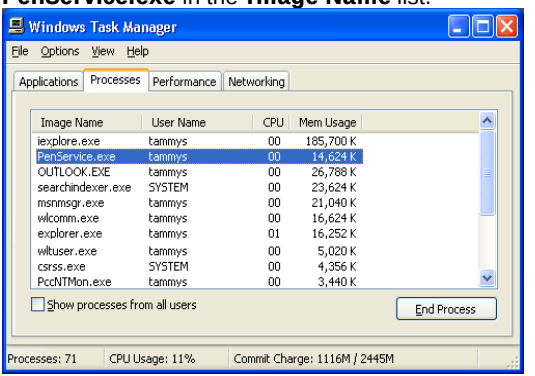
Try the following options, in this order:

1. Disconnect the USB cable from the Pen. Restart the Pen, connect the USB cable and try to re-establish communications (select **Connect to PC** from the **Pen Main Menu**).
2. **On the Pen:** Disconnect the USB cable from the Pen and restart the Pen.

   On the PC:

   a. Press the **Ctrl-Alt-Delete** buttons at the same time to open the **Windows Task Manager**.

   b. Go to the **Processes** tab and highlight **PenService.exe** in the **Image Name** list.


Windows Task Manager
File Options View Help
Applications Processes Performance Networking
Image Name User Name CPU Mem Usage
iexplore.exe tammys 00 185,700 K
PenService.exe tammys 00 14,624 K
OUTLOOK.EXE tammys 00 26,788 K
searchindexer.exe SYSTEM 00 23,624 K
msnmsgr.exe tammys 00 21,040 K
wlcomm.exe tammys 00 16,624 K
explorer.exe tammys 01 16,252 K
wltuser.exe tammys 00 5,020 K
csrss.exe SYSTEM 00 4,356 K
PccNTMon.exe tammys 00 3,440 K
Show processes from all users
End Process
Processes: 71 CPU Usage: 11% Commit Charge: 1116M / 2445M

c. Click on the **End Process** button.
d. Click **Yes** on the **Task Manager Warning** (XP) or **End Process** in the **Windows Task Manager** confirmation message (Vista).
e. Go to **C:\Program Files** (or the equivalent in Vista) and open the **WizCom Technologies Ltd** folder. Open the **WizCom PenExplorer** folder and look for the **PenService.exe** file.
f. Double-click on the **PenService.exe** file to reactivate the **PenExplorer**. If the **Windows Task Manager** is still open, you will see **PenService.exe** reappear in the **Image Name** list.

On the Pen: Connect the USB cable and try to re-establish communications (select **Connect to PC** from the **Pen Main Menu**).

3. Re-install the **PenExplorer**.

On the Pen: Disconnect the USB cable from the Pen and restart the Pen.

On the PC:

a. Go to the Control Panel and select **Add or Remove Programs** (XP) or **Programs and Features** (Vista).
b. Highlight the **WizCom PenExplorer** and click on **Change/Remove** (XP) or **Uninstall/Change** (Vista). The **WizCom PenExplorer – Installshield Wizard** will appear.
c. Select **Remove** and uninstall the **PenExplorer**. Restart the computer if requested.
d. Insert the CD that came with your Pen and follow the instructions to install the **PenExplorer**.
e. Click **Finish** when the installation is complete.

On the Pen: Connect the USB cable and try to re-establish communications (select **Connect to PC** from the **Pen Main Menu**).

Product Specification

Pen Specification

Feature	Description
Display Type	Touch Screen Monochromatic FSTN Resolution: 208 x 65 Size: 61mm x 20mm / 2.4" x .8"
Keypad	▪ Navigation Switch (Enter, Up, Down, Left, Right) ▪ Push Button - Power/ESC
CPU	ARM7 ASIC, 16 bit, 80 MHz
Memory	
▪ SRAM	64 K x 16 bit
▪ ROM/RAM	8 MB
Optical Scanner	▪ 128 pixels linear array image sensor ▪ 400 DPI resolution
Communications	
USB1.1	Yes
Power	
Internal Power	2 x 1.5V AAA Alkaline batteries
External Power	USB cable connected to PC
Current Consumption	▪ Idle mode - 42 mA ▪ Max. (Peak) - 212 mA
Size	L x W x H: 177.5 mm x 41.5 mm x 33 mm (7" x 1.62" x 1.3")
Weight	▪ 77 grams (2.716 oz.) without batteries ▪ 100 grams (3.527 oz.) with batteries
Safety	▪ CE ▪ UL ▪ FCC class B
Operating Temperature Range	0°C - 40°C

PC Specification

The **PenExplorer** is compatible with Windows XP, Vista and Win7 (32bit). Installing the **PenExplorer** on a PC with an incompatible operating system may cause it to operate ineffectively.

The PC must have an available USB port.